FORM PTO-1390 (REV. 10-2003)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER BIO1819P0091US
TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)** **CONCERNING A FILING UNDER 35 U.S.C. 371**		U.S. APPLICATION NO. (IF KNOWN) **10/550124**

INTERNATIONAL APPLICATION NO. PCT/US2004/009504	INTERNATIONAL FILING DATE 26 March 2004	PRIORITY DATE CLAIMED 28 March 2003

TITLE OF APPLICATION: A Confocal Microscope System For Real-Time Simultaneous Temporal Measurements Of Metachronal Wave Period And Ciliary Beat Frequency

APPLICANT(S) FOR DO/EO/US: Lid B. Wong et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☒ The US has been elected. (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))

    a. ☒ is attached hereto (required only if not communicated by the International Bureau).

    b. ☒ has been communicated by the International Bureau.

    c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    ☐ is attached hereto

    ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).

    a. ☐ are attached hereto (required only if not communicated by the International Bureau).

    b. ☐ have been communicated to the International Bureau

    c. ☐ have not been made; however, the time for making such amendments has NOT expired.

    d. ☒ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☐ A preliminary amendment.

14. ☐ An Application Data Sheet.

15. ☐ A substitute specification.

16. ☐ A power or attorney and/or change of address letter.

17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.

18. ☐ A second copy of the published international application under 35 U.S.C. (154(d)(4).

19 ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. ☒ Other items of information.
    Return postcard

U.S. APPLICATION NO. **10/550124**	INTERNATIONAL APPLICATION NO. PCT/US2004/009504	ATTORNEY DOCKET NUMBER BIO1819P0091US	
21. The following fees are submitted		Applicant Use	Office Use Only
☐ a) Basic national fee		$300.00	
☐ b) Examination fee		$200.00	
☐ c) Search fee		$100.00	
TOTAL OF ABOVE CALCULATIONS =		$600.00	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is **$250.00** for each additional 50 sheets of paper or faction thereof

Total Sheets	Extra Sheets	Number of Additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/50		x **$250.00**	$	

Surcharge of **$130.00** for furnishing oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	$	
Total Claims	8-20 =	0	x **$50.00**	$	
Independent claims	1- 3 =	0	x **$200.00**	$	
Multiple Dependent Claim(s) (if applicable)		+	**$360.00**	$	
TOTAL OF ABOVE CALCULATIONS =				$600.00	

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.	$300.00	
SUBTOTAL =	$	
Processing fee of **$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).	$	
TOTAL NATIONAL FEE	$300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40.00** per property +	$	
TOTAL FEES ENCLOSED =	$300.00	
Amount to e refunded:		$
Amount to be charged:		$

a. ☒ A check in the amount of <u>$600.00</u> to cover the above fees is enclosed.

b. ☐ Please charge Deposit Account No. 23-0785 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0785. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send Correspondence to:

CUSTOMER NUMBER: 32116

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Citigroup Center, Suite 3800
500 West Madison Street
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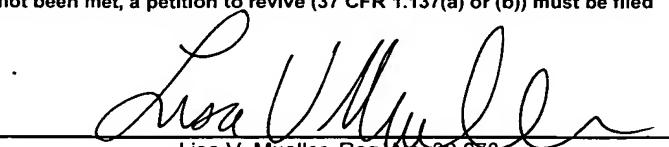
Lisa V. Mueller, Reg. No. 38,978

September 19, 2005
Date

The PTO did not receive the following listed item(s) Check only $300.00

Attorney Docket No.:   BIO1819P00091US

Applicant: Lid B. Wong et al.

For: A Confocal Microscope System For Real-Time Simultaneous Temporal Measurements Of Metachronal Wave Period And Ciliary Beat Frequency

Serial No.:   Unassigned

Filing Date: September 19, 2005

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the enclosed **U.S. National Phase Application** and any other documents referred to as enclosed herein, are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria Virginia 22313-1450.

Express Mail Label No.:	EV 576547299 US
Date of Deposit:	September 19, 2005
Typed/Printed Name of Person Signing:	Colleen Davison
Signature:	*Colleen Davison*